

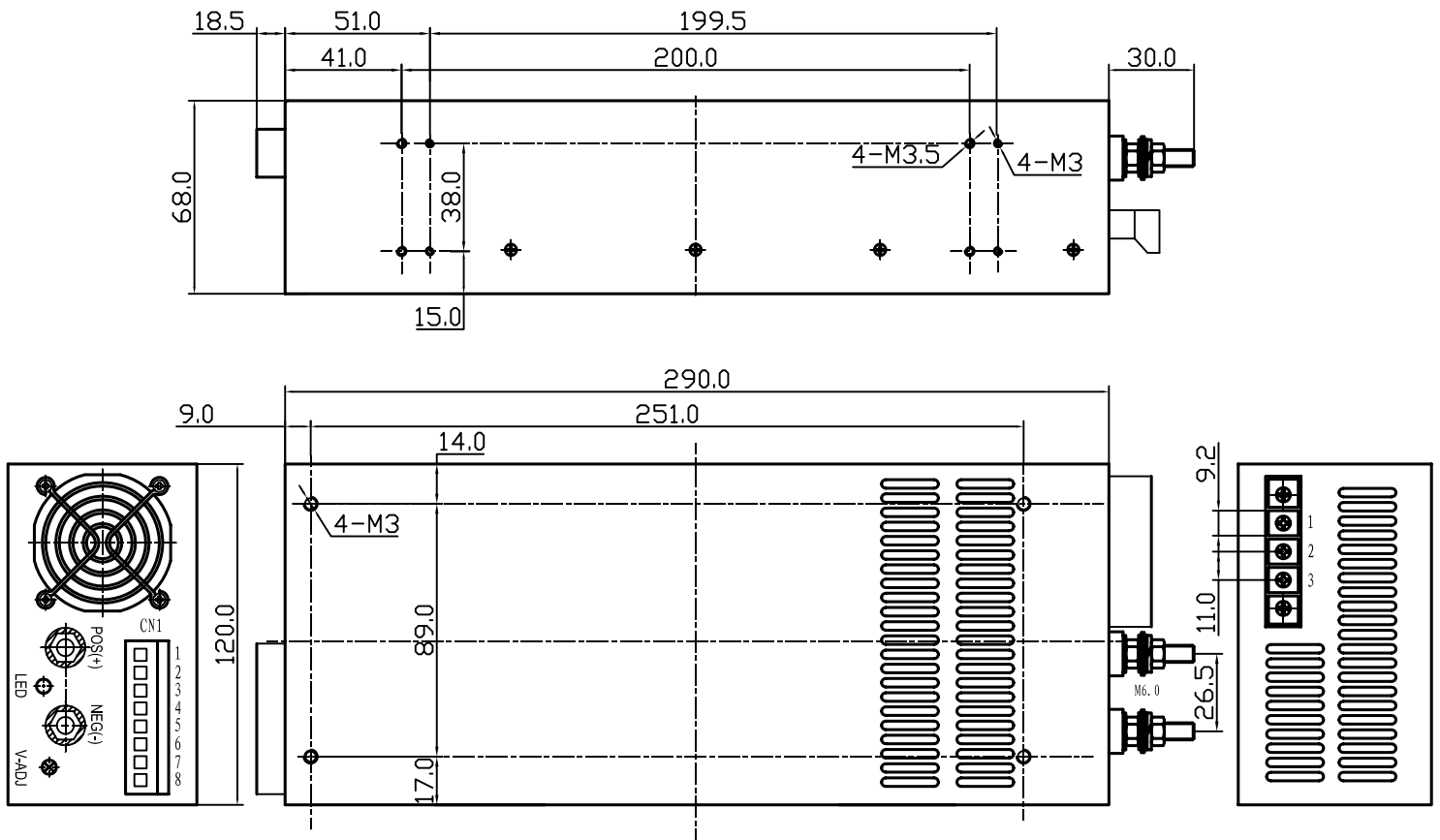
Features:

- Input voltage range: AC180~260V
- PF>0.98@230VAC
- Protections: Short circuit/ Over load/ Over voltage/Over temperature
- Built-in remote ON-OFF control and remote sense function
- Power good signal
- With parallel function (N+1)
- Can adjust from 20%~100% output voltage by external control 1-5V
- Forced air cooling by built-in DC fan
- 3 years warranty Dimensions: 290*120*68mm(L*W*H)



MODEL		HSCP-800 -9	HSCP-800 -12	HSCP-800 -15	HSCP-800 -18	HSCP-800 -24	HSCP-800 -36	HSCP-800 -48	HSCP-800 -60	
OUTPUT	DC VOLTAGE	9V	12V	15V	18V	24V	36V	48V	60V	
	VOLTAGE TOLERANCE	±1.5%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	
	RATED CURRENT	88A	66A	53A	44A	33A	22A	16A	13A	
	CURRENT RANGE	0~88A	0~66A	0~53A	0~44A	0~33A	0~22A	0~16A	0~13A	
	RATED POWER	792W	792W	795W	800W	792W	800W	768W	780W	
	RIPPLE & NOISE	90mVp-p	120mVp-p	150mVp-p	180mVp-p	240mVp-p	360mVp-p	480mVp-p	500mVp-p	
	DC ADJUSTMENT RANGE	Can adjust from 20%~100% output voltage by external control 1-5V								
	SETUP, RISE, HOLD TIME	800ms, 400ms, 12ms at full load								
INPUT	VOLTAGE RANGE	180~260VAC 47~63 Hz; selected by switch 260~370VDC								
	AC CURRENT	5.0A/ 230 VAC								
	EFFICIENCY	83%	84%	85%	86%	88%	88%	89%	90%	
	INRUSH CURRENT	60A/230V								
	LEAKAGE CURRENT	3.5 mA/240VAC								
PROTECTION	OVER LOAD	105%~115% Protection type: Current limiting, delay shut down o/p voltage, re-power on to recover								
	OVER VOLTAGE	110%~135% Protection type: Shut down o/p voltage, re-power on to recover								
	OVER TEMP.	TSW1 (Powre transistor) temp.>100 °C, shut down o/p voltage. Temp. 100 °C, O/I auto-recovery								
ENVIRONMENT	WORKING TEMP., HUMIDITY	-20°C~+65°C, 20%~90 %RH								
	STORAGE TEMP., HUMIDITY	-20°C~+85°C, 10%~95 %RH								
	VIBRATION	10~200Hz, 2G 10min./1cycle, period for 60min, each along X, Y, Z axes								
SAFETY	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC								
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG :100M Ohms / 500VDC								
STANDARD	SAFETY STANDARD	Design refer to 60950,TUV EN60950								
	EMC STANDARD	Design refer to EN55022,EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11								
OTHERS	WEIGHT	2.3Kg;								
	PACKING	8pcs/20kg/CARTON								
NOTE	<ol style="list-style-type: none"> All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 μ & 47 μ parallel capacitor. Tolerance: includes set up tolerance, line regulation and load regulation. . Current limiting 3 times(1.5s,3.0s,5.0s)Then intelligent auto recovery before shut down The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives. 									

■ Outline and Dimension:



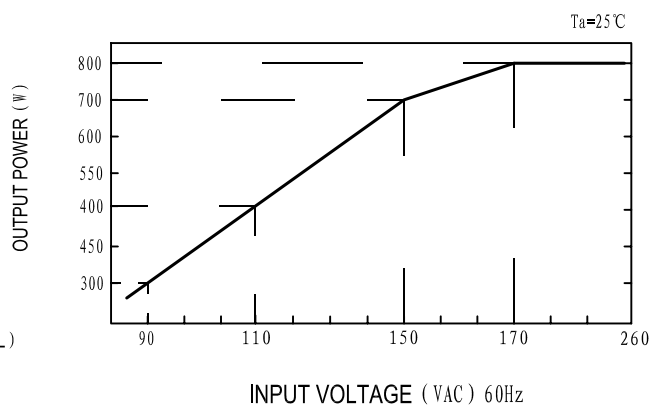
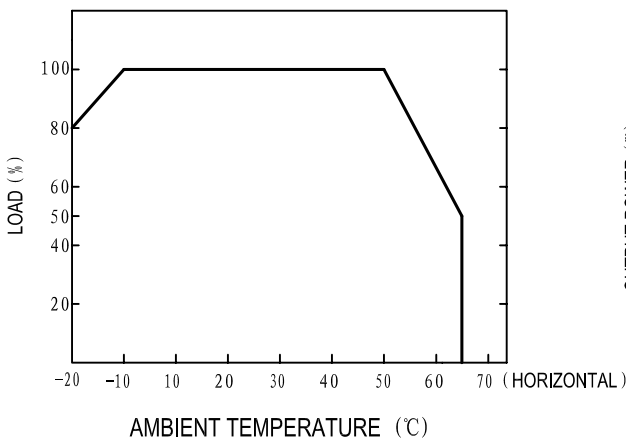
Terminal Pin No. Assignment:

Pin No.	Assignment
1	AC/L
2	AC/N
3	FG \oplus

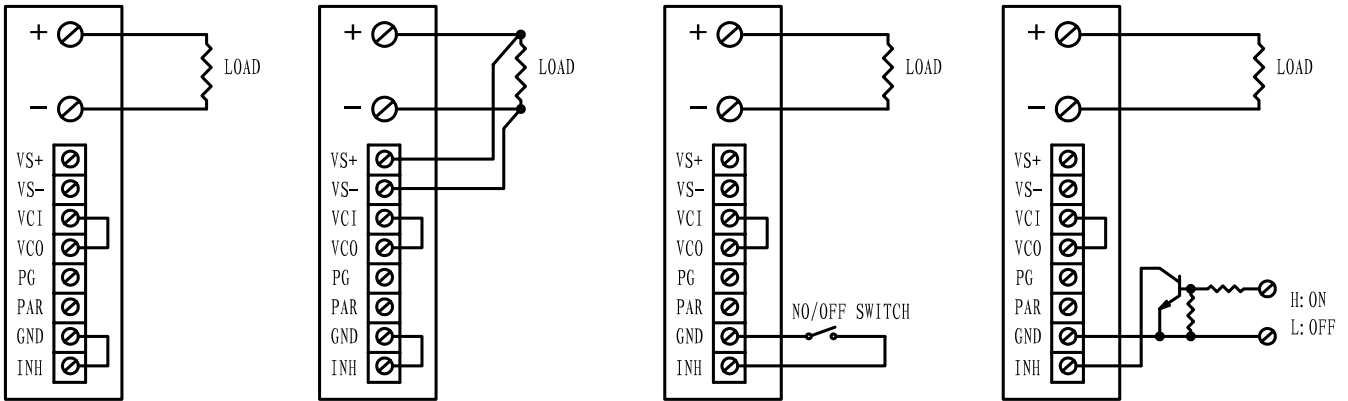
Control Terminal Pin No. Assignment (CN1): Dinkle 51HDBC-08P or equivalent

Pin No.	Assignment	Pin No.	Assignment	Mating With
1	VS+	5	PG	Dinkle 51SDB-08P or equivalent
2	VS-	6	PAR	
3	VCI	7	GND	
4	VCO	8	INH	

■ Derating Curve



■ Control Terminal Instruction Manual:



USING INTERNAL VOLTAGE CONTROL

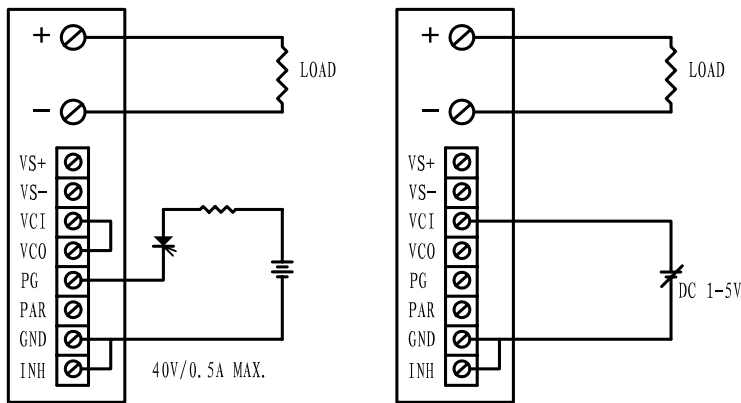
REMOTE SENSING

ON/OFF CONTROL BY SWITCH

ON/OFF CONTROL BY TRANSISTOR

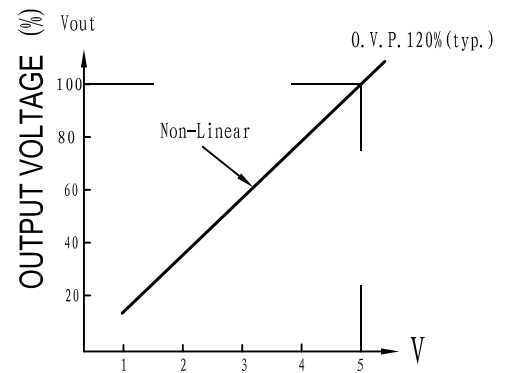
GOOD: LED OFF

FAIL: LED ON

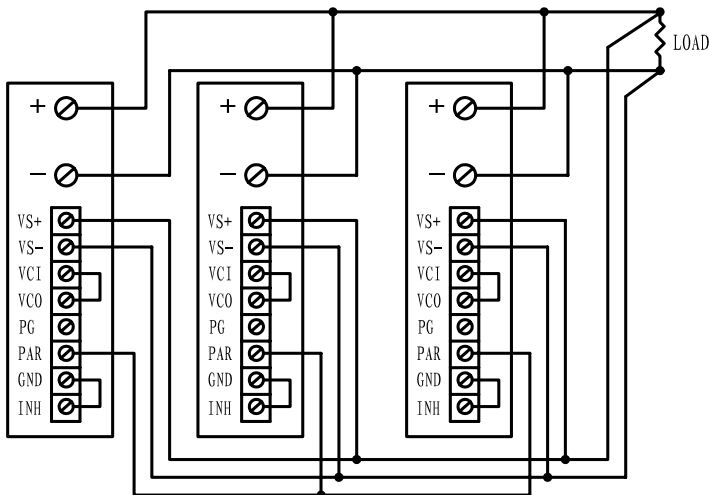


POWER NORMAL SIGNAL

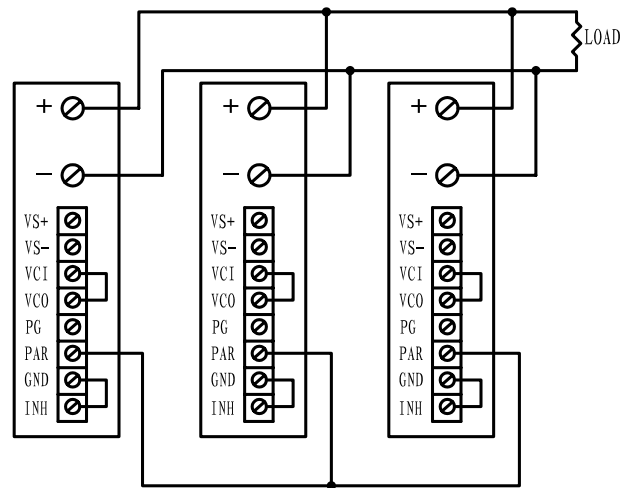
OUTPUT VOLTAGE ADJUST WITH DC1-5V



EXTERNAL VOLTAGE (DC)



PARALLEL OPERATION WITH REMOTE SENSING



PARALLEL OPERATION WITHOUT REMOTE SENSING